

06-25-01

960 U.S. PTO
06/22/01

UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
FIS920000409US1Total Pages in this Submission
28**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

FOCUSED ION BEAM PROCESS FOR REMOVAL OF COPPERJ1033 U.S. PTO
09/88779
06/22/01

and invented by:

MICHAEL R. SIEVERS, STEVEN B. HERSCHEIN, AARON D. SHORE

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York 10504

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Which is a:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Which is a:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below

2. Specification having 13 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Microfiche Appendix (*if applicable*)
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if drawings filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

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Application Elements (Continued)

3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)
a. Formal Number of Sheets 2
b. Informal Number of Sheets _____

4. Oath or Declaration
a. Newly executed (*original or copy*) Unexecuted
b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
c. With Power of Attorney Without Power of Attorney
d. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.

6. Computer Program in Microfiche (*Appendix*)

7. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
a. Paper Copy
b. Computer Readable Copy (*identical to computer copy*)
c. Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. Assignment Papers (*cover sheet & document(s)*)

9. 37 CFR 3.73(B) Statement (*when there is an assignee*)

10. English Translation Document (*if applicable*)

11. Information Disclosure Statement/PTO-1449 Copies of IDS Citations

12. Preliminary Amendment

13. Acknowledgment postcard

14. Certificate of Mailing

First Class Express Mail (*Specify Label No.:*) EF383030173US

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Accompanying Application Parts (Continued)

15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Additional Enclosures (*please identify below*):

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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06/27/2001 HDMESS1 00000020 090458 09887791
 Sales Ref: 00000029 DMR: 090458 09887791
 01-FT:101 710.00 CH

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	12	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				BASIC FEE	\$710.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$710.00

A check in the amount of _____ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. **09-0458** as described below. A duplicate copy of this sheet is enclosed.

- Charge the amount of **\$710.00** as filing fee. (FI-349)
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated:
 6/22/01

EXPRESS MAIL NO.: EF383030173US
 I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
 DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS
 MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF
 PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231
 APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF
 DEPOSIT AS THE FILE DATE.

cc:
 DATE OF DEPOSIT: June 22, 2001
 BY SIGNATURE & DATE: Karen Cing-Mars 6/22/01

[Signature]
 Signature

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